STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

					DIVISION O	F OIL,		1INING			AMENDE	J KEPU			
APPLICATION FOR PERMIT TO DRILL										1. WELL NAME and NUMBER Ute Tribal 4-16-4-1W					
2. TYPE OF WORK  DRILL NEW WELL REENTER P&A WELL DEEPEN WELL									3. FIELD OR WILDCAT UNDESIGNATED						
4. TYPE OF WELL  Oil Well Coalbed Methane Well: NO										5. UNIT or COMMUNITIZATION AGREEMENT NAME					
6. NAME OF OPERATOR  NEWFIELD PRODUCTION COMPANY										7. OPERATOR PHONE 435 646-4825					
8. ADDRI	ESS OF OPERA	TOR	Rt 3 Box 363	0 , Mytor	n, UT, 84052					9. OPERATOR E-MAIL mcrozier@newfield.com					
	RAL LEASE NO L, INDIAN, OF	R STATE)			11. MINERAL OWNERSHIP				١.	12. SURFACE OWNERSHIP					
13. NAMI		OG0005609  OWNER (if box 1	2 = 'fee')		EDERAL IND	IAN U	) STATE (	) rec	2	federal Indian State Fee   14. SURFACE OWNER PHONE (if box 12 = 'fee')					
15. ADDI	RESS OF SURF	ACE OWNER (if b			16. SURFACE OWNER E-MAIL (if box 12 = 'fee')										
					LS. INTEND TO COMMINGLE PRODUCTION FROM					19. SLANT					
(if box 1	2 = 'INDIAN')			- 1	YES (Submit Commingling Application) NO					VERTICAL DIRECTIONAL HORIZONTAL					
20. LOCATION OF WELL FOO				FOOT	AGES QT		R-QTR	OTR SECTION		TOWNSHIP R		ANGE MERIDIAN		RIDIAN	
LOCATION AT SURFACE 836 FNL				36 FNL 6	697 FWL		IWNW	16		4.0 S		0 W U		U	
Top of Uppermost Producing Zone 836 FNL			36 FNL (	697 FWL		IWNW	16		4.0 S	1.0 S 1.0 W		w u			
At Total Depth 836 FNL				36 FNL 6	697 FWL N		IWNW	16		4.0 S 1.		.0 W U		U	
21. COU		DUCHESNE	22	2. DISTANCE TO NEAREST LEASE LINE (Feet) 697					23. NUMBER OF ACRES IN DRILLING UNIT						
					25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1028					<b>26. PROPOSED DEPTH</b> MD: 7430 TVD: 7430					
27. ELEVATION - GROUND LEVEL 2					28. BOND NUMBER					29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE					
5112					RLB0010462  Hole, Casing, and Cement Information					437478					
										Comont	C.	acks	Yield	Weight	
String	Hole Size	Casing Size	Length	Weigh	ht Grade & Th		Max Mu			Cement	30				
String Surf	12.25	8.625	<b>Length</b> 0 - 300	24.0	) J-55 ST		8.3			Class G		138	1.17	15.8	
		_			) J-55 ST	&C			Prem	Class G nium Lite High Strer	ngth :	375	3.26	11.0	
Surf	12.25	8.625	0 - 300	24.0	) J-55 ST	&C	8.3		Prem	Class G	ngth :	_			
Surf	12.25	8.625	0 - 300	24.0	J-55 ST8	&C &C	8.3		Prem	Class G nium Lite High Strer	ngth :	375	3.26	11.0	
Surf	12.25 7.875	8.625 5.5	0 - 300 0 - 7430	24.0 15.5	J-55 ST(	&C &C TTACH	8.3 8.3	3 1		Class G nium Lite High Strer	ngth :	375 363	3.26	11.0	
Surf Prod	12.25 7.875 VERIFY T	8.625 5.5	0 - 300 0 - 7430	24.0 15.5	J-55 ST(	&C &C TTACH	8.3 8.3 IMENTS	3 1	ND G	Class G nium Lite High Strer 50/50 Poz GAS CONSERVATIO	ngth :	375 363	3.26	11.0	
Surf Prod	12.25 7.875  VERIFY T	8.625 5.5 HE FOLLOWING	0 - 300 0 - 7430 G ARE ATT/	24.0 15.5	J-55 ST6  J-55 LT8  AT	&C &C FTACH CE WI	8.3 8.3 IMENTS	TAH OIL AN	ND G	Class G nium Lite High Strer 50/50 Poz GAS CONSERVATIO	ngth :	375 363 RAL R	3.26 1.24	11.0	
Surf Prod	12.25 7.875  VERIFY T ELL PLAT OR I	8.625 5.5 HE FOLLOWING	O - 300 O - 7430  G ARE ATTA  Y LICENSED  CE OWNER A	24.0 15.5 ACHED SURVEY	J-55 STO J-55 LTS J-55 LTS AT O IN ACCORDANCE YOR OR ENGINEER	&C &C FTACH CE WI	8.3 8.3 IMENTS TH THE UT	TAH OIL AN	ND G	Class G nium Lite High Strer 50/50 Poz  GAS CONSERVATION PLAN R IS OTHER THAN TH	ngth :	375 363 RAL R	3.26 1.24	11.0	
Surf Prod	12.25 7.875  VERIFY T ELL PLAT OR I	8.625 5.5  HE FOLLOWING MAP PREPARED B TATUS OF SURFA	O - 300 O - 7430  G ARE ATTA  Y LICENSED  CE OWNER A	24.0 15.5 ACHED SURVEY	J-55 STO J-55 LTS J-55 LTS AT O IN ACCORDANCE YOR OR ENGINEER	&C &C ITACH CE WI R ACE)	8.3 8.3 IMENTS TH THE UT	FAH OIL AN PLETE DRILL	ND G	Class G nium Lite High Strer 50/50 Poz  GAS CONSERVATION PLAN R IS OTHER THAN TH	ngth :	375 363 RAL R	3.26 1.24	11.0	
Surf Prod	12.25 7.875  VERIFY T  ELL PLAT OR I  FIDAVIT OF S  RECTIONAL SI )	8.625 5.5  HE FOLLOWING MAP PREPARED B TATUS OF SURFA	O - 300 O - 7430  G ARE ATTA  Y LICENSED  CE OWNER A	24.0 15.5 ACHED SURVEY	J-55 STO J-55 LTE AT IN ACCORDANCE YOR OR ENGINEER ENT (IF FEE SURF,	&C &C FTACH CE WI R ACE)	8.3 8.3 IMENTS TH THE UT	FAH OIL AND PLETE DRILLING TO SERVICE OF THE PROPERTY OF THE P	ND G	Class G nium Lite High Strer 50/50 Poz  GAS CONSERVATION PLAN R IS OTHER THAN TH	ON GENE	375 363 RAL R	3.26 1.24	11.0	
Surf Prod  I' W  IF AF  DI  DRILLED  NAME M  SIGNAT	12.25 7.875  VERIFY T  ELL PLAT OR I  FIDAVIT OF S  RECTIONAL SI )	8.625 5.5  THE FOLLOWING MAP PREPARED B TATUS OF SURFA URVEY PLAN (IF I	O - 300 O - 7430  G ARE ATTA  Y LICENSED  CE OWNER A	24.0 15.5 ACHED SURVEY	J-55 STG J-55 LTE AT IN ACCORDANCE YOR OR ENGINEER ENT (IF FEE SURF. HORIZONTALLY TITLE Regulatory T	&C &C FTACH CE WI R ACE)	8.3 8.3 IMENTS TH THE UT	FAH OIL AND PLETE DRILLING TO SERVICE OF THE PROPERTY OF THE P	ATOP	Class G nium Lite High Strer 50/50 Poz  GAS CONSERVATION PLAN R IS OTHER THAN THE	ON GENE	375 363 RAL R	3.26 1.24	11.0	

## T4S, R1W, U.S.B.&M. Cap on Rebar Marked 148951 in N89'59'W - 80.12 (G.L.O.) a Pile of Stones S89'07'54"W - 2640.21' (Meas.) S88°59'42"W - 2637.31' (Meas.) Rebar in Rebar in a Marked Stone Pile of Stones 697 DRILLING WNDOW (G.L.O.) S00'54'46"E *5261.80*′ (G.L.0.) 1° Aluminum Cap Marked LS 148951 S0.02"E S0.03"E 74 "E WELL LOCATION: 4-16-4-1W ELEV. UNGRADED GROUND = 5112.1500.53'32"E 1/2" Rebar in 1/2" Rebar on Pile of Stones Fence Line S88'49'34"W - 2640.19' (Meas.) S88'49'33"W - 2639.81' (Meas.) N89°55'W - 80.00 (G.L.O.) = SECTION CORNERS LOCATED 4-16-4-1W BASIS OF ELEV: Elevations are base on (Surface Location) NAD 83 LOCATION: an N.G.S. OPUS Correction. $LATITUDE = 40^{\circ} 08' 23.97''$ LAT. 40°04'09.56" LONG. 110°00'43.28" LONGITUDE = 110° 00' 30.22'

(Tristate Aluminum Cap) Elev. 5281.57'

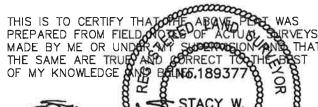
## NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 4-16-4-1W, LOCATED AS SHOWN IN THE NW 1/4 NW 1/4 OF SECTION 16, T4S, R1W, U.S.B.&M. DUCHESNE COUNTY, UTAH.



## NOTES:

- 1. Well footages are measured at right angles to the Section Lines.
- 2. Bearings are based on Global Positioning Satellite observations.



REGISTERED LAND SURVEY REGISTRATION (No. 102377)
STATE OF BLAM 17E OF

## TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

DATE SURVEYED: 09-19-10	SURVEYED BY: S.V.					
DATE DRAWN: 09-28-10	DRAWN BY: L.C.S.					
REVISED:	SCALE: 1" = 1000'					